

Timeline

<u>Event</u>	<u>Week</u>	<u>Who</u>
Initial Group Meeting	2	All
Requirements Capture documentation	2	All
Timeline Documentation	2	All
Budget Documentation	2	All
>>> <i>Meeting with advisor</i>	2	All
AC to DC Converter Design	3	Kevin
-Diode Bridge		
--Circuit schematic		
--Construction on Multisim		
--Simulate		
--Breadboard/Test		
>>> <i>Meeting with advisor</i>	4	All
DC Regulator Design	4	Kevin
-Buck Boost Circuit		
--Circuit schematic		
--Construction on Multisim		
--Simulate		
--Breadboard/Test	5	
-PWM Circuit	4	Jake
--Circuit schematic		
--Construction on Multisim		
--Simulate		
--Breadboard/Test	5	
Receiver Prototype	5-6	Surabhi
-Calculate/order materials		
-Construct		
>>> <i>Meeting with advisor</i>	5	All
Combine controllers	6	Kevin, Jake
-Test on breadboards		

>>> <i>Meeting with advisor</i>	6	All
Submit PCB	7	Kevin, Jake
-Ultiboard		
Pressure Sensors	7	Surabhi
-Re-order		
-Test		
Lab View Setup	7-8	Surabhi
-NI DAQ card		
-Sensor setup		
--2 Pressure		
--2 Power output		
---Voltage divider		
>>> <i>Meeting with advisor</i>	8	All
Troubleshoot Hybrid System	8	Kevin, Jake
-Verify voltage output/power loss		
>>> <i>Meeting with advisor</i>	9	All
Test with/without Receiver	9-10	All
- Lab View data acquisition		
>>> <i>Meeting with advisor</i>	10	All
Enclosures for PCB	11	Kevin
Evaluation and setup for demo	11-14	All
>>> <i>Meeting with advisor</i>	13	All
DEMO DAY!!	14	All
Final Documentation	14-16	All
>>> <i>Meeting with advisor</i>	15	All
Finalize WIKI Site	15-16	Jake
Presentation Final	16	All